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## INTRODUCTION

Use this guide to replace your MacBook Pro's battery. Removing the battery requires a Tri-point screwdriver.



### TOOLS:

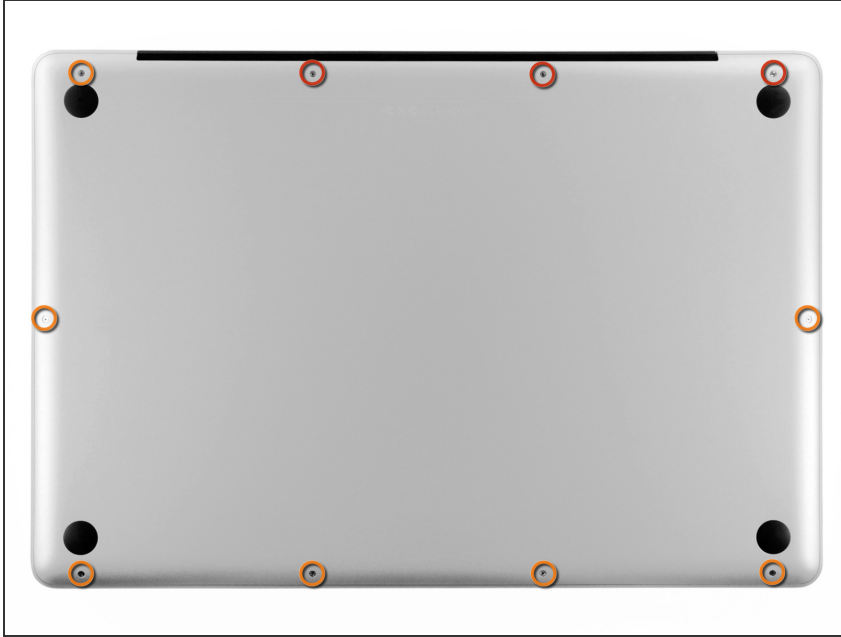
- [Phillips #00 Screwdriver](#) (1)
- [iFixit Opening Tools](#) (1)
- [Tri-point Y0 Screwdriver](#) (1)



### PARTS:

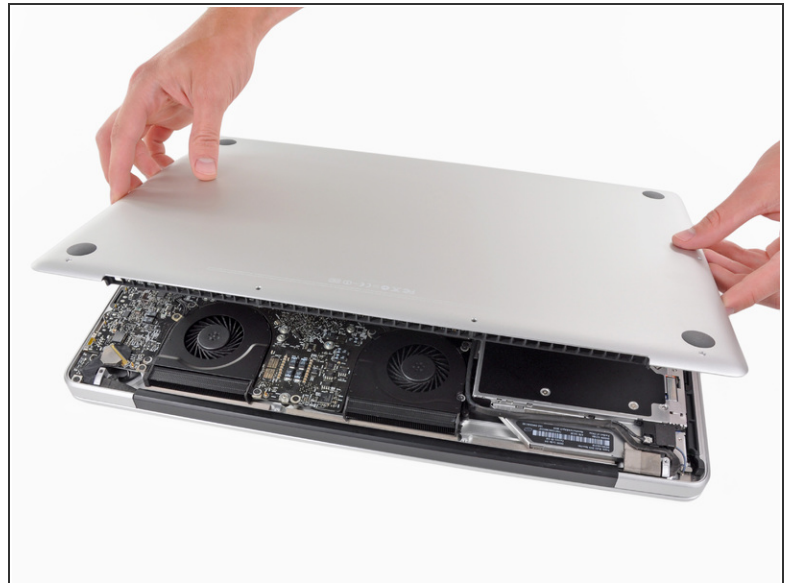
- [MacBook Pro 17" Unibody \(Early and Mid 2011\) Replacement Battery](#) (1)
- [MacBook Pro 17" Unibody \(Early2009 to Mid 2010\) Replacement Battery](#) (1)

## Step 1 — Lower Case



- Remove the following ten screws securing the lower case to the upper case:
  - Three 13.5 mm Phillips screws.
  - Seven 3 mm Phillips screws.

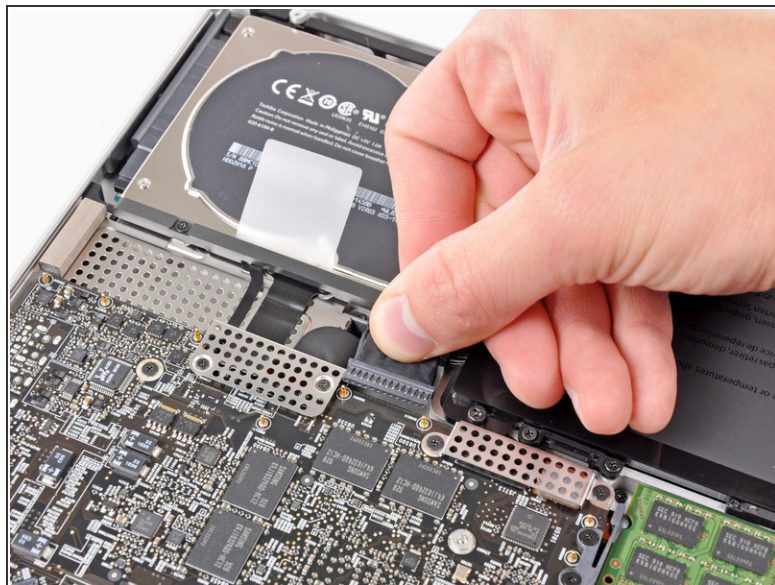
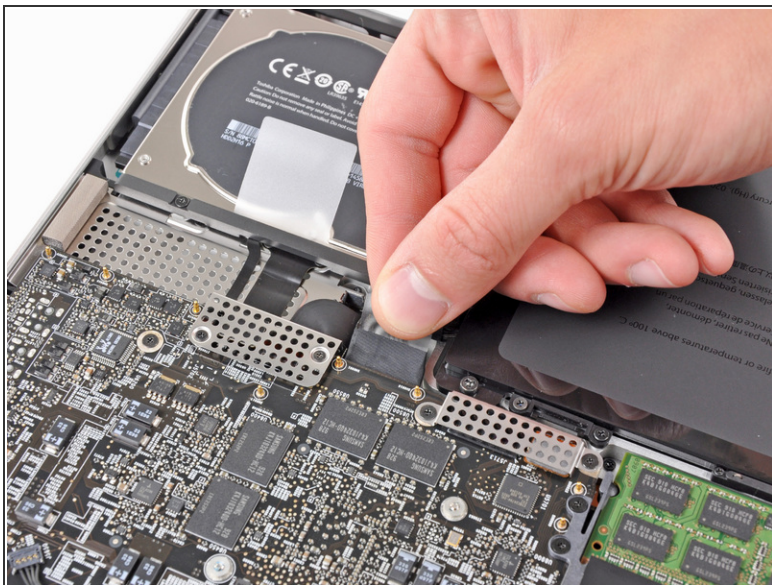
## Step 2





- Wedge your fingers between the lower case and the vent, and lift upward to release the clips holding the lower case to the upper case.
- Remove the lower case.



## Step 3 — Battery



 Whenever working near the logic board, it is always wise to first disconnect the battery to avoid short circuits.

- Grab the plastic tab attached to the battery connector and pull it toward the front edge of the device.
-  Pull the tab parallel to the face of the logic board.

## Step 4



- Remove the three 6.5 mm Tri-point screws securing the battery to the upper case.

## Step 5



- Use a plastic opening tool or another soft thin-edged tool to carefully lift up a corner of the "Warning: Do not remove the battery" sticker off the right speaker/subwoofer enclosure.
- Peel the sticker off the right speaker/subwoofer enclosure.
- ❗ It is not necessary to completely peel the sticker off the battery.



## Step 6



- Lift the battery by its attached pull tab and remove it from the upper case.

To reassemble your device, follow these instructions in reverse order.

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